

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-6 (canceled)

7. (currently amended) A method of manufacturing an electric rotating machine, the machine having a middle core comprising plural plates stacked in an axial direction, an outer core disposed outside the middle core which rotates relative to the middle core, and an inner core disposed inside the middle core which rotates relative to the middle core, and the method comprising:

joining the plural plates to a first fixing member by a connecting member, and  
finishing ~~the~~ inner and outer circumferential surfaces of the plural plates in ~~the~~ a state where the plural plates are joined only to the first fixing member.

8. (original) A method of manufacturing an electric rotating machine as defined in Claim 7, further comprising joining the opposite side of the plural plates to the first fixing member, to a second fixing member after finishing.

9. (original) A method of manufacturing an electric rotating machine as defined in Claim 7, wherein the connecting member is a bolt, a hole through which the bolt passes is formed in the plural plates, and the plural plates are joined to the first fixing member by passing the bolt through the hole.

10. (new) A method of manufacturing an electric rotating machine as defined in Claim 7, further comprising attaching the first fixing member to a chuck of a rotatable member, rotating the joined first fixing member and the plural plates, and finishing the inner circumferential surface of the plural plates by placing a surface-finishing device against at least a portion of the inner circumferential surface of the plural plates while the joined first fixing member and the plural plates rotates.

11. (new) A method of manufacturing an electric rotating machine as defined in Claim 7, further comprising attaching the first fixing member to a chuck of a rotatable member, rotating the joined first fixing member and the plural plates, and finishing the inner circumferential surface of the plural plates by placing a grindstone against at least a portion of the inner circumferential surface of the plural plates while the joined first fixing member and the plural plates rotates.

12. (new) A method of manufacturing an electric rotating machine as defined in Claim 11, further comprising finishing the outer circumferential surface of the plural plates by placing a grindstone against at least a portion of the outer circumferential surface of the plural plates while the joined first fixing member and the plural plates rotates.

13. (new) A method of manufacturing an electric rotating machine as defined in Claim 7, wherein joining the plural plates to the first fixing member by the connecting member occurs before finishing.

14. (new) A method of manufacturing an electric rotating machine as defined in Claim 7, wherein joining the plural plates to the first fixing member by the connecting member occurs before finishing, and wherein finishing the inner circumferential surface includes moving a surface-finishing device against the inner circumferential surface of the plural plates.

15. (new) A method of manufacturing an electric rotating machine as defined in Claim 7, further comprising inserting the inner core inside the middle core after finishing and rotatably attaching the inner core to the middle core by a bearing.

16. (new) A method of manufacturing an electric rotating machine as defined in Claim 7, further comprising:

inserting the inner core inside the middle core after finishing and rotatably attaching the inner core to the middle core by a bearing; and

joining the side of the plural plates opposite to the side joined to the first fixing member to a second fixing member after rotatably inserting the inner core inside the middle core.

17. (new) A method of manufacturing an electric rotating machine as defined in Claim 7, further comprising:

inserting the inner core inside the middle core after finishing and rotatably attaching the inner core to the middle core by a bearing;

joining the side of the plural plates opposite to the side joined to the first fixing member to a second fixing member after inserting the inner core inside the middle core; and placing the middle core inside the outer core.

18. (new) A method of manufacturing an electric rotating machine as defined in Claim 16, wherein the inner core comprises plural plates.

19. (new) A method of manufacturing an electric rotating machine as defined in Claim 16, wherein the inner core comprises plural plates joined by welding.

20. (new) A method of manufacturing an electric rotating machine as defined in Claim 16, wherein the inner core comprises plural plates, and wherein the plural plates of the inner core are joined by a bolt passing through aligned holes in the plural plates of the inner core.

21. (new) A method of manufacturing an electric rotating machine as defined in Claim 17, wherein the inner core comprises plural plates and wherein the outer core comprises plural plates.

22. (new) A method of manufacturing an electric rotating machine as defined in Claim 17, wherein the inner core comprises plural plates joined by welding, and wherein the outer core comprises plural plates joined by welding.

23. (new) A method of manufacturing an electric rotating machine as defined in Claim 17, wherein the inner core comprises plural plates joined by a bolt passing through aligned holes in the plural plates of the inner core, and wherein the outer core comprises plural plates joined by a bolt passing through aligned holes in the plural plates of the outer core.